

Db 845 AGAGAAGAGGATGAAGAGA 824

RESULT 19
LOCUS HTOHATPASE 5584 bp DNA linear PLN 06-MAY-1997
DEFINITION Histoplasma capsulatum (clone pms3) H-ATPase gene, complete cds.
ACCESSION L07305
VERSION L07305.1 GI:409248
KEYWORDS
SOURCE
ORGANISM
Ajellomyces capsulatus.
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;
Onygenales; Onygenaceae; Ajellomyces.
1 (bases 1080 to 4190)
Schaefer, M.P. and Dean, G.E.
Cloning and sequence analysis of an H(+) ATPase-encoding gene from
the human dimorphic pathogen Histoplasma capsulatum
Gene 136 (1-2), 295-300 (1993)
JOURNAL MEDLINE 94124018
PUBMED 7916725
REFERENCE
2 (bases 1 to 5584)
Schaefer, M.P.
Direct Submission
TITLE
JOURNAL
COMMENT On Oct 28, 1993 this sequence version replaced gi:168252.
FEATURES
Location/Qualifiers
1..5584
/organism="Ajellomyces capsulatus"
/isolate="G-217B"
/db_xref="taxon:5037"
/clone="pms3"
/clone_lib="pBluescript II SK(-)-H, capsulatum HindIII
Genomic
1..1169
Join(1170..1544,1660..3988,4105..4151)
/codon_start=1
/product="ATPase"
/protein_id="AB53772.1"
/db_xref="GI:409249"

promoter
CDS

1170..1544
1545..1659
1660..3988
3989..4104
4105..5584
4152..5584
1195 a 1629 c 1339 g 1421 t
ORIGIN
exon
intron
exon
intron
exon
3'UTR
BASE COUNT
Query Match
Best Local Similarity 100.0%; Pred. No. 2.2;
Matches, 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
284 AGAGAAGAGGATGAAGAGA 305

Db 846 AGAGAAGAGGATGAAGAGA 825

RESULT 20
LOCUS OCU35238 5955 bp mRNA linear MAM 27-FEB-1996
DEFINITION Oryctolagus cuniculus sodium channel alpha-subunit mRNA, complete cds.
ACCESSION U35238
VERSION U35238.1 GI:1022713
KEYWORDS
SOURCE
ORGANISM
European rabbit.
Oryctolagus cuniculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Lagomorpha; Leporidae; Oryctolagus.
1 (bases 1 to 5955)
Belcher, S.M., Zerillo, C.A., Levenson, R., Ritchie, J.M. and Howe, J.R.
Cloning of a sodium channel alpha subunit from rabbit Schwann cells
Proc. Natl. Acad. Sci. U.S.A. 92 (24), 11034-11038 (1995)
JOURNAL MEDLINE 96074641
PUBMED 7479931
REFERENCE
2 (bases 1 to 5955)
Belcher, S.M.
Direct Submission
TITLE
JOURNAL
COMMENT Submitted (01-SEP-1995) Scott M. Belcher, Pharmacology, Yale
University School of Medicine, 333 Cedar Street, New Haven, CT
06520-8066, USA
FEATURES
Location/Qualifiers
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/organism="Oryctolagus cuniculus"
/strain="New Zealand White"
/db_xref="taxon:9986"
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/tissue_type="Sciatic nerve"
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/codon_start=1
/product="sodium channel alpha-subunit"
/protein_id="AAA89159.1"
/db_xref="GI:1022714"

CDS

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GYVTFESLFIKARFCVGFTRDPLWDFIVFAVTEFNLCNYSALTFV
RLKNTLESIMGLKTIKALVQSVKSLVILVCLSVFALIGLHGLKHKCL
LKATNLTSEIMSEEDYKYVYLEGSKDALLCGSFDSQCQEGYCVKAGRN
PDGYTFSDFSNAFLALFLRLTQDYNLYQTLRAAGTYHFFVVFPLSGFYLL
NLILAVVAMAYEQNANIEAKKELEFQOOLRLAKQEQEAEIAAARAEYSIGR
SRINGLSESESTKLSKSAKERRRRKKNOKKLSGEEKGDEKLSSESESIS
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EYFOVGNVDTSLVLSLFLADVEGLSVLRLLRFLRLVFLKASWPTLMNLKII
GNSYGVNLTALVITFVAVGMQLFGKCYKCYCKINDDCSLRPHMNDFFHF
LIVRVLGEMWITVRCMEVAGMCLIVYMMVGNLVNLFLLALLLSSSSON
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CGSPVGIFTFVSTIISFLVYNNYIAVILENFSVATESETEPLSEDDFEMFTEVME
KFDPAQOFIEYSKLSDFAAALDPLLIAPKNKVOLIANLPMWSDGATVIRYR
TKRVLGSEMDSLRSQMEERFMSNPKSVSYEPITTTTLKRRQEDVSATVIRYR